

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: BORRAN et al.  
Title: METHOD AND APPARATUS TO ESTABLISH  
CONSTELLATIONS FOR IMPERFECT CHANNEL STATE  
INFORMATION AT A RECEIVER  
Appl. No.: 10/523,167  
Filing Date:: 03/10/2006  
Examiner: Kevin Michael Burd  
Art Unit: 2611  
Confirmation Number: 8220

**REQUEST FOR CONTINUED EXAMINATION (RCE)**  
**TRANSMITTAL**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application. This RCE and the enclosed items listed below are being filed prior to the earliest of: (1) payment of the issue fee (unless a petition under 37 C.F.R. § 1.313 is granted); (2) abandonment of the application; or (3) the filing of a notice of appeal to the U.S. Court of Appeals for the Federal Circuit under 35 U.S.C. §141, or the commencement of a civil action under 35 U.S.C. §145 or §146 (unless the appeal or civil action is terminated).

1. Submission **required** under 37 C.F.R. §1.114: (check items that apply)

Enclosed are:

☒ Amendment/Reply.

☐ Other .

## Miscellaneous:

- ☐ Suspension of action of the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of \_\_\_ months.

The filing fee is calculated below:

	Claims as Amended	Previously Paid For	Extra Claims Present	Rate	Fee Totals
RCE Fee 1.17(e):				\$810.00	= \$810.00
Total Claims:	28	- 28	= 0	x \$52.00	= \$0.00
Independents	7	- 7	= 0	x \$220.00	= \$0.00
First presentation of any Multiple Dependent Claims:				+ \$390.00	= \$0.00
CLAIMS FEE TOTAL:					= \$810.00

- ☐ Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

<input type="checkbox"/> Extension for response filed within the first month:	\$130.00	0	\$0.00
<input type="checkbox"/> Extension for response filed within the second month:	\$490.00		\$0.00
<input type="checkbox"/> Extension for response filed within the third month:	\$1,110.00		\$0.00
<input type="checkbox"/> Extension for response filed within the fourth month:	\$1,730.00		\$0.00
<input type="checkbox"/> Extension for response filed within the fifth month:	\$2,350.00		\$0.00
EXTENSION FEE SUBTOTAL:			\$0.00
EXTENSION FEE ALREADY PAID: -			\$0.00
EXTENSION FEE TOTAL			\$0.00
CLAIMS AND EXTENSION FEE TOTAL:			\$810.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):			\$0.00
<input type="checkbox"/> Suspension of action requested under 37 C.F.R. § 1.103(c)			\$0.00
TOTAL FEE:			\$810.00

The above-identified fees of \$810.00 are being paid by credit card via EFS-Web.


The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the

credit card payment instructions in EFS-Web being incorrect or absent, resulting in a rejected or incorrect credit card transaction, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date October 7, 2009

By 

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